

Title (en)
Cooling system.

Title (de)
Kühlsystem.

Title (fr)
Système de refroidissement.

Publication
EP 0177025 A2 19860409 (DE)

Application
EP 85112439 A 19851002

Priority
US 65825384 A 19841005

Abstract (en)
[origin: US4535729A] An integrated cooling system for cooling a vehicle engine and fluid from a plurality of auxiliary heat sources that is composed of a radiator having upper and lower cavities joined by a plurality of tubes with the lower cavity being divided into a plurality of separate sections. A plurality of coolers, each having an intake and outlet in communication with a heat source, and each being in communication with one of the sections of the radiator. A valve is positioned downstream of the respective coolers and determines the amount of coolant moving through the respective coolers prior to the time that the coolant moves into an engine pump that forces the coolant into the engine and through a suitable return back to the upper compartment of the radiator.

Abstract (de)
Ein Kühlsystem mit einem Haupt- und mehreren Zusatzkühlern (11 und 20, 26, 35) weist zu Zwecken der Durchflußregelung von Kühlflüssigkeit durch die einzelnen Zusatzkühler (20, 26, 35) in dem Hauptkühler (11) mehrere gegebenenfalls unterschiedlich große Abschnitte auf, die mit den Zusatzkühlern (20, 26) verbunden sind, während ausgangsseitig der Zusatzkühler (20, 26) ein Ventil (25) zum Steuern der Durchflußmenge des Kühlmittels durch die Zusatzkühler (20, 26) vorgesehen ist.

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F01P 3/20

IPC 8 full level
F01P 3/20 (2006.01); **F01P 7/16** (2006.01); **F01P 11/08** (2006.01); **F28D 1/04** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F01P 3/20 (2013.01 - EP US); **F01P 7/16** (2013.01 - EP US); **F01P 7/165** (2013.01 - EP US); **F28D 1/0408** (2013.01 - EP US); **F28F 9/0202** (2013.01 - EP US); **F01P 2060/00** (2013.01 - EP US); **F01P 2060/04** (2013.01 - EP US); **F01P 2060/06** (2013.01 - EP US); **F01P 2060/08** (2013.01 - EP US)

Cited by
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